

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning on page 7, line 16 with the following amended paragraph:

Figure 1 depicts an exemplary embodiment of an interventional catheter assembly and control system of the present invention. In general, an operating head 400 is provided at or near the distal end of a catheter system 300 for insertion into a body and navigation to a target material removal site. The catheter system 300 is operably coupled to the operating head 400 at or near a distal end and to a control pod 200 at or near a proximal end. A drive shaft may also be operably coupled to the operating head at or near a distal end and operably coupled to a drive system housed within control pod 200. The drive shaft may be provided in association with one or more sealed conduits and/or layers providing withdrawal of liquids and debris from the target site or delivery of liquids to the target site, as is known in the art. Control pod 200 houses operational and/or control components, such as a drive system, a system for translating torque from a motor drive to the drive shaft when a motor drive is used, a system for actuating and/or advancing the operating head, a guide wire clamp, one or more connectors for conduits, and/or operator controls. A slidable operating head activation control [[280]] may optionally be provided coupled to the catheter system and the operating head drive system to control operation and/or advancement of the operating head.

Please replace the paragraph beginning on page 7, line 31 with the following amended paragraph:

Various communications pathways, such as liquid and/or electrical conduits, extend between the control pod 200 and a console unit 100 that houses various operating and control systems. A liquid conduit for collecting debris and liquid during operation of the operating head is in communication with a liquid receptacle 90, for example. A [[L]]liquid infusate source [[94]] may also be provided to provide fluid to the system, when desired. Console unit 100 incorporates various controls and displays and houses a vacuum or aspiration motor 102.

Console unit 100 may also provide a power source for operating the operating head and system components, or it may be in communication with an external power source.